

CITY OF HAYWARD
AGENDA REPORT

AGENDA DATE 01/08/02

AGENDA ITEM 3

WORK SESSION ITEM

TO: Mayor and City Council

FROM: Director of Public Works

SUBJECT: Traffic Signal Installation on Hesperian Boulevard at Longwood Avenue and Skywest Drive: Approval of Addendum and Award of Contract

RECOMMENDATION:

It is recommended that the City Council approve the attached resolution that approves Addendum No. 1, which addresses the disposition of PG&E's existing facilities and awards the contract to Mike Brown Electric Co. of Cotati, California, in the amount of \$190,755.25.

BACKGROUND:

On November 20, 2001, the City Council approved the plans and specifications, acknowledged that the project was categorically exempt from the CEQA process, and called for bids to be received on December 18, 2001.

This project installs a traffic signal system at the intersection of Hesperian Boulevard, Longwood Avenue, and Skywest Drive. This project was recommended in the Longwood/Winton Grove Neighborhood Plan. At a meeting held to discuss alternate location at Marin Avenue, the majority favored Longwood Avenue.

During the bidding period, Addendum No. 1 was issued to revise the plans, specifications, and bid sheet for disposition of PG&E's existing facilities, as requested by PG&E.

On December 18, 2001, five bids were received ranging from \$190,755.25 to \$241,630. Mike Brown Electric Co. of Cotati submitted the low bid in the amount of \$190,755.25, which is 1.4 percent lower than the Engineer's estimate of \$193,369. St. Francis Electric Inc., of Hayward submitted the second low bid in the amount of \$199,555.00, which is 3.2 percent higher than the Engineer's estimate and \$8,799.75 higher than the low bid.

This project has a combined goal of 12 percent for Disadvantaged Business Enterprise (DBE) and/or Women-Owned Business Enterprise (WBE) participation. Mike Brown Electric's bid includes 12.2 percent DBE participation and meets the project goal.

PROJECT COSTS:

The estimated costs for the project are as follows:

Contract Construction Costs	\$190,755
Consultant Design & Construction Support	22,000
Design and Administration	13,645
Outside Services (PG&E and SMI)	5,600
Inspection, Survey, and Testing	10,000
City Furnished Equipment	<u>18,000</u>
Total Project Costs	\$260,000

FUNDING:

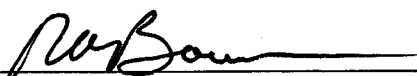
The 2001-02 Capital Improvement Program includes \$250,000 in the Transportation System Improvement Fund for this project. Sufficient funds are available for transfer from a completed project in this fund to cover the additional \$10,000 required to complete the project.

SCHEDULE:

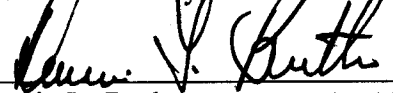
Award	January 8, 2002
Begin Work	May 15, 2002
Complete Work	July 15, 2002

The delay between the project award and the construction start is because of an anticipated four-month waiting period between ordering and delivery of the traffic signal equipment.

Prepared by:


Robert A. Bauman, Deputy Director of Public Works

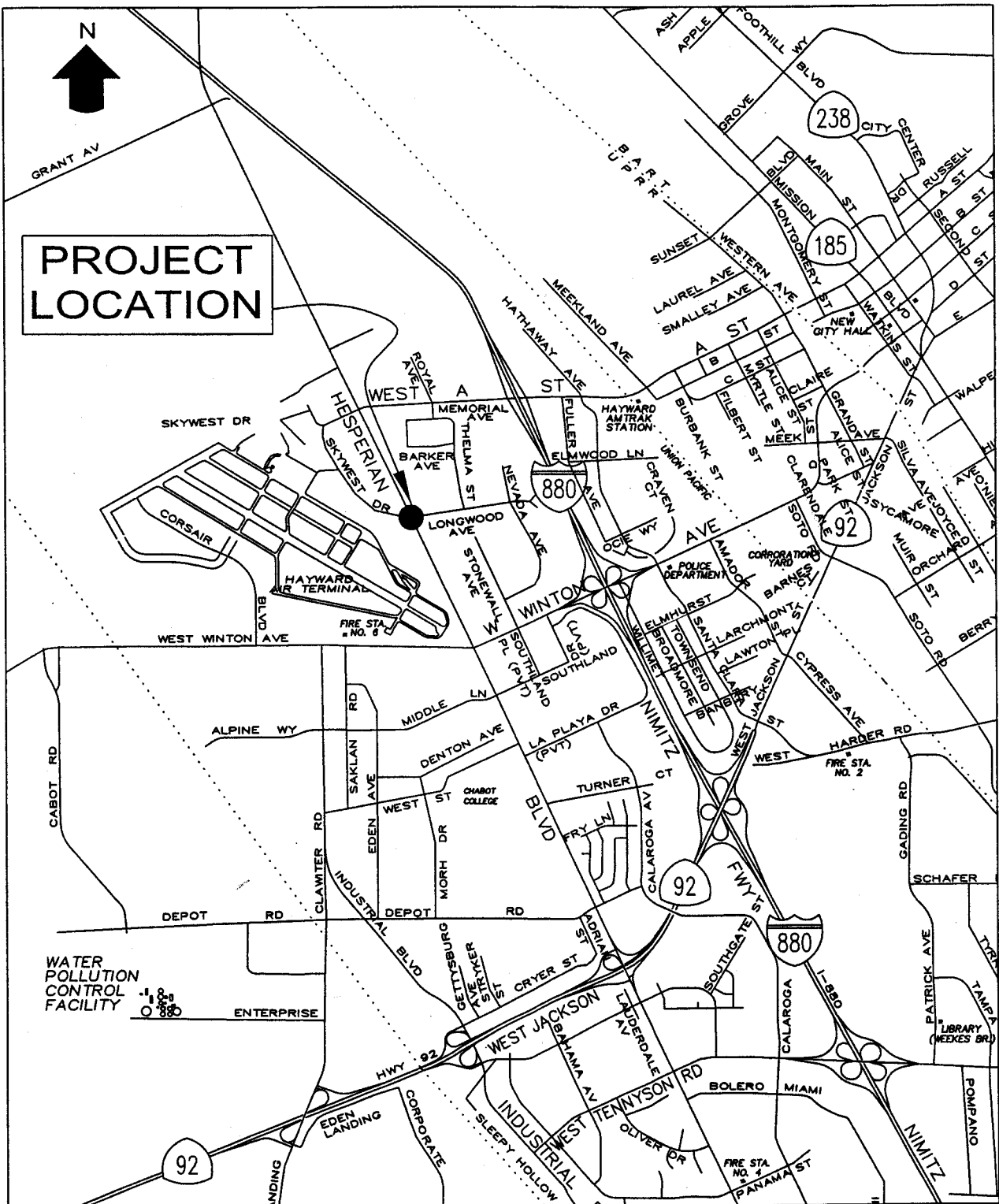
Recommended by:


Dennis L. Butler, Director of Public Works

Approved by:


Jesús Armas, City Manager

Exhibits: Exhibit A: Location Map
 Exhibit B: Bid Summary



LOCATION MAP
TRAFFIC SIGNAL INSTALLATION
HESPERIAN BLVD. AT LONGWOOD AVE./SKYWEST DR.
PROJECT NO. 5748

Exhibit A

CITY OF HAYWARD
HESPERIAN BOULEVARD-SKYWEST DRIVE-LONGWOOD AVENUE TRAFFIC SIGNAL
PROJECT NO. 5748
BIDS OPENED: DECEMBER 18, 2001

Page 1 of 4

(NUMBER OF BIDS RECEIVED ---5)

BID SUMMARY				ENGINEER'S ESTIMATE		MIKE BROWN ELECTRIC CO 561-A MERCANTILE DRIVE COTATI CA 94931 707-792-8100 PHONE 707-792-8110 FAX		ST. FRANCIS ELECTRIC 23294 CONNECTICUT STREET HAYWARD CA 94545 510-887-2888 PHONE 510-887-4109 FAX		RICHARD A HEAPS ELECTRICAL 8909 FLORIN ROAD SACRAMENTO CA 95829 916-986-8857 PHONE 916-386-1354 FAX	
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	1	LS	MOBILIZATION	7,000.00	7,000.00	18,000.00	18,000.00	2,000.00	2,000.00	5,000.00	5,000.00
2	1	LS	TRAFFIC CONTROL	15,000.00	15,000.00	5,000.00	5,000.00	1,500.00	1,500.00	7,500.00	7,500.00
3	1	LS	TRAFFIC SIGNAL AND SAFETY LIGHTING	145,000.00	145,000.00	132,989.00	132,989.00	160,000.00	160,000.00	161,887.00	161,887.00
4	218	SF	REMOVE PAVEMENT MARKING/STRIPING	2.00	436.00	3.00	654.00	3.00	654.00	2.50	545.00
5	1	EA	FURNISH AND INSTALL SIGNAL SYMBOL SIGN W41	250.00	250.00	300.00	300.00	300.00	300.00	425.00	425.00
6	110	LF	INSTALL THERMOPLASTIC TRAFFIC STRIPE (DETAIL 21)	1.50	165.00	3.00	330.00	3.00	330.00	1.40	154.00
7	280	LF	INSTALL THERMOPLASTIC TRAFFIC STRIPE (12" WHITE)	4.00	1,120.00	3.50	980.00	3.50	980.00	1.95	546.00
8	567	SF	INSTALL PAINTED PAVEMENT MARKINGS	4.00	2,268.00	2.75	1,559.25	3.00	1,701.00	2.00	1,134.00
9	140	LF	INSTALL RED CURB PAINT	2.00	280.00	3.00	420.00	3.00	420.00	2.50	350.00
10	2	EA	REMOVE & DISPOSE OF LUMINAIRE & LUMINAIRE ARM	500.00	1,000.00	225.00	450.00	170.00	340.00	600.00	1,200.00
11	1	LS	REMOVE & DISPOSE OF A PORTION OF METAL POLE FOUNDATION	500.00	500.00	350.00	350.00	170.00	170.00	750.00	750.00
12	3	EA	REMOVE & DISPOSE OF EXISTING ROADSIDE SIGN	100.00	300.00	125.00	375.00	45.00	135.00	150.00	450.00
13	60	SF	REMOVE CONCRETE SLAB	10.00	600.00	5.00	300.00	10.00	600.00	10.00	600.00
14	110	SF	INSTALL P.C.C. SECTION	5.00	550.00	9.00	990.00	8.50	935.00	15.00	1,650.00
15	75	LF	REMOVE CONCRETE CURB	20.00	1,500.00	24.80	1,860.00	10.00	750.00	12.00	900.00
16	1	LS	INSTALL NEW CURB & RAISED MEDIAN ISLANDS	2,000.00	2,000.00	7,998.00	7,998.00	10,000.00	10,000.00	4,000.00	4,000.00

Exhibit B

CITY OF HAYWARD

HESPERIAN BOULEVARD-SKYWEST DRIVE-LONGWOOD AVENUE TRAFFIC SIGNAL

PROJECT NO. 5748

BIDS OPENED: DECEMBER 18, 2001

17	2	EA	FURNISH & INSTALL TYPE I BARRICADE WITH R49 SIGN	600.00	1,200.00	500.00	1,000.00	520.00	1,040.00	125.00	250.00
18	1	LS	FURNISH & INSTALL BATTERY BACK-UP SYSTEM	2,500.00	2,500.00	5,500.00	5,500.00	6,000.00	6,000.00	4,800.00	4,800.00
19	1,700	LF	REPLACE SIC, IF NECESSARY (IF THE EXISTING SIC IS INSUFFICIENT FOR CONNECTION)	1.00	1,700.00	1.00	1,700.00	1.00	1,700.00	1.65	2,805.00
20	1	LS	ADMINISTRATIVE CHANGE ORDERS	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00
			TOTAL		193,369.00		190,755.25		199,555.00		204,946.00

CITY OF HAYWARD
HESPERIAN BOULEVARD-SKYWEST DRIVE-LONGWOOD AVENUE TRAFFIC SIGNAL
PROJECT NO. 5748
BIDS OPENED: DECEMBER 18, 2001

Page 3 of 4

(NUMBER OF BIDS RECEIVED ---5)

BID SUMMARY				ENGINEER'S ESTIMATE		TENNYSON ELECTRIC INC 7275 NATIONAL DRIVE STE A LIVERMORE CA 94550 925-606-1038 PHONE 925-606-7656 FAX		STEINY AND COMPANY INC 27 SHERIDAN STREET VALLEJO CA 94590 707-552-6900 PHONE 707-554-6347 FAX	
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	1	LS	MOBILIZATION	7,000.00	7,000.00	7,500.00	7,500.00	5,000.00	5,000.00
2	1	LS	TRAFFIC CONTROL	15,000.00	15,000.00	9,500.00	9,500.00	6,300.00	6,300.00
3	1	LS	TRAFFIC SIGNAL AND SAFETY LIGHTING	145,000.00	145,000.00	178,293.00	178,293.00	197,100.00	197,100.00
4	218	SF	REMOVE PAVEMENT MARKING/STRIPING	2.00	436.00	4.00	872.00	2.50	545.00
5	1	EA	FURNISH AND INSTALL SIGNAL SYMBOL SIGN W41	250.00	250.00	400.00	400.00	425.00	425.00
6	110	LF	INSTALL THERMOPLASTIC TRAFFIC STRIPE (DETAIL 21)	1.50	165.00	4.00	440.00	1.40	154.00
7	280	LF	INSTALL THERMOPLASTIC TRAFFIC STRIPE (12" WHITE)	4.00	1,120.00	4.00	1,120.00	1.95	546.00
8	567	SF	INSTALL PAINTED PAVEMENT MARKINGS	4.00	2,268.00	3.50	1,984.50	2.00	1,134.00
9	140	LF	INSTALL RED CURB PAINT	2.00	280.00	4.00	560.00	2.50	350.00
10	2	EA	REMOVE & DISPOSE OF LUMINAIRE & LUMINAIRE ARM	500.00	1,000.00	500.00	1,000.00	140.00	280.00
11	1	LS	REMOVE & DISPOSE OF A PORTION OF METAL POLE FOUNDATION	500.00	500.00	1,500.00	1,500.00	500.00	500.00
12	3	EA	REMOVE & DISPOSE OF EXISTING ROADSIDE SIGN	100.00	300.00	300.00	900.00	100.00	300.00
13	60	SF	REMOVE CONCRETE SLAB	10.00	600.00	20.00	1,200.00	10.00	600.00
14	110	SF	INSTALL P.C.C. SECTION	5.00	550.00	10.00	1,100.00	8.50	935.00
15	75	LF	REMOVE CONCRETE CURB	20.00	1,500.00	10.00	750.00	10.00	750.00
16	1	LS	INSTALL NEW CURB & RAISED MEDIAN ISLANDS	2,000.00	2,000.00	14,500.00	14,500.00	10,000.00	10,000.00

CITY OF HAYWARD
HESPERIAN BOULEVARD-SKYWEST DRIVE-LONGWOOD AVENUE TRAFFIC SIGNAL
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18	1	LS	FURNISH & INSTALL BATTERY BACK-UP SYSTEM	2,500.00	2,500.00	4,000.00	4,000.00	4,200.00	4,200.00
19	1,700	LF	REPLACE SIC, IF NECESSARY (IF THE EXISTING SIC IS INSUFFICIENT FOR CONNECTION)	1.00	1,700.00	1.00	1,700.00	1.33	2,261.00
20	1	LS	ADMINISTRATIVE CHANGE ORDERS	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00
			TOTAL		193,369.00		239,119.50		241,630.00

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2	1	LS	TRAFFIC CONTROL	15,000.00	15,000.00	5,000.00	5,000.00	1,500.00	1,500.00	7,500.00	7,500.00
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16	1	LS	INSTALL NEW CURB & RAISED MEDIAN ISLANDS	2,000.00	2,000.00	7,998.00	7,998.00	10,000.00	10,000.00	4,000.00	4,000.00

DRAFT

HAYWARD CITY COUNCIL

RESOLUTION NO. _____

Introduced by Council Member _____

mmf

**RESOLUTION APPROVING ADDENDUM NO. 1 FOR THE
TRAFFIC SIGNAL INSTALLATION ON HESPERIAN
BOULEVARD AT LONGWOOD AVENUE AND SKYWEST
DRIVE, PROJECT 5748, AND AWARDING CONTRACT TO
MIKE BROWN ELECTRIC COMPANY**

WHEREAS, by resolution on November 20, 2001, the City Council approved the plans and specifications for the Traffic Signal Installation on Hesperian Boulevard at Longwood Avenue and Skywest Drive, Project No. 5748, and called for bids to be received on December 18, 2001; and

WHEREAS, by request of PG&E, Addendum No. 1 was issued to revise the plans, specifications, and bid sheet for disposition of PG&E's existing facilities.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Hayward that Addendum No. 1, a copy of which is on file in the office of the City Clerk, is hereby approved and adopted as part of the plans and specifications for the project.

BE IT FURTHER RESOLVED that Mike Brown Electric Company of Cotati, California is hereby awarded the contract for the Traffic Signal Installation on Hesperian Boulevard at Longwood Avenue and Skywest Drive, Project No. 5748, in accordance with the plans and specifications adopted therefor, and on file in the office of the City Clerk of the City of Hayward at and for the price named and stated in the bid of the hereinabove specified bidder.

BE IT FURTHER RESOLVED that the City Manager is hereby authorized and directed to negotiate and execute an agreement in an amount not to exceed \$190,755.25 for the award of the contract on behalf of the City of Hayward, in a form to be approved by the City Attorney.

IN COUNCIL, HAYWARD, CALIFORNIA _____, 2002

ADOPTED BY THE FOLLOWING VOTE:

AYES: COUNCIL MEMBERS:

MAYOR:

NOES: COUNCIL MEMBERS:

ABSTAIN: COUNCIL MEMBERS:

ABSENT: COUNCIL MEMBERS:

ATTEST: _____
City Clerk of the City of Hayward

APPROVED AS TO FORM:

City Attorney of the City of Hayward